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(71) Applicant (for all designated States except US): **ATO-
FINA RESEARCH** [BE/BE]; Zone Industrielle C, B-7181
Seneffe (Feluy) (BE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **RAZAVI, Ab-
bas** [IR/BE]; 35, Domaine de la Brisée, B-7000 Mons
(BE). **CARPENTIER, Jean-François** [FR/FR]; 5, Al-
lée des Lilas, F-35690 ACIGNE (FR). **KIRILLOV,
Evgueni** [RU/DE]; Institut Für Organische Chemie,
Friedrich-Alexander Universität Erlangen-Nürnberg, 42,
Henkestrasse, 91054 Erlangen (DE).

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(54) Title: PROPYLENE-STYRENE COPOLYMERISATION PROCESS

(57) Abstract: Provided is a method for the production of a copolymer of styrene and propylene, which method comprises copoly-
merising styrene and propylene in the presence of a metallocene catalyst, wherein the metallocene catalyst comprises a metallocene
having the either formula (I): R"(CpRm)(FluR'n)MQ₂ wherein Cp comprises a cyclopentadienyl ring; Flu comprises a fluorenyl
ring; R" comprises a structural bridge imparting stereoregidity to the component; each R is the same or different and is an organic
group; m is an integer of from 0-4; each R' is the same or different and is an organic group; n is an integer of from 0-8; M is a metal
atom from group IVB of the Periodic Table or is vanadium; and each Q is a hydrocarbon having from 1-20 carbon atoms or is a
halogen; or formula (II): R"(FluR'n)XR⁵MQ_p (II) wherein R(FluR'n), R', M and Q are as defined here-above; R⁵ is hydrogen or a
hydrocarbyl group having from 1-20 carbon atoms; X is a heteroatom from group 15 or 16 of the Periodic Table.